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Montana Oil and Gas
STATISTICAL BULLETIN

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MILES CITY, MONTANA 59301

OIL AND GAS CONSERVATION COMMISSION
SAVINGS BLDG.
HELENA, MONTANA

Vol. XV, No. 5 — 3 — May, 1967

Production of crude oil and condensate from the oil and gas areas of Montana for the month of May, 1967, averaged 89,776 barrels daily, a decrease of 2 barrels from the average April production of 89,778.

The nine refineries in state processed 101,456 barrels of crude oil daily for the month of May, 1967, an increase of 18,892 barrels from the 82,564 barrels processed daily during the month of April, 1967.

During May, 31 wells were completed, 7 oil, 10 gas wells and 14 dry holes.

During May, the commission issued 30 permits to drill new wells, an increase of 4 from the 26 permits issued during April.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA

MONTH OF MAY, 1967

IN STORAGE MAY 1st	
By Producers	365,634
By Transporters	1,189,697
By Refiners	795,954
TOTAL STORAGE	2,351,285
Produced in Montana During Month	2,783,058
Imported During Month	2,346,543
TOTALS	7,480,886
DISPOSITION:	
Refined in Montana	3,145,140
Exported	2,042,215
Used for Fuel or Lost	4,382
TOTAL	5,191,737
IN STORAGE MAY 31st	
By Producers	346,811
By Transporters	1,152,224
By Refiners	790,114
TOTAL STORAGE	2,289,149

NATURAL GAS WITHDRAWALS IN MONTANA

Month of May, 1967

Field	M. Cu. Ft.
Bears Den	0
Big Coulee	61,626
Bowdoin	104,781
Bowes	44,399
Cabin Creek	107,040
Cedar Creek	157,046
Cut Bank (Including Reagan)	659,692
Devon	0
Dry Creek	22,190
Elk Basin	115,200
Flat Coulee	15,061
Gold Butte	856
Golden Dome	0
Grandview	17,007
Hardin	3,906
Keith Block	301,635
Kevin Sunburst	48,120
Lake Basin	103,027
Middle Butte	877
Mt. Lilly	0
Pine	69,141
Plevna	11,465
Utopia	115,714
Whitlash	176,946
Miscellaneous	136,833
TOTAL	2,272,562

Total withdrawals for May, 1966 were 2,275,696

PRODUCERS REPORT—MONTH OF MAY, 1967

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
2	Ash Creek	5	390	4,528	.....	4,165	.....	753
1	Bannatyne	1	476	120	.....	120	.....	476
6	Bear's Den	7	2,373	1,330	.....	2,202	.....	1,501
1	Benrud	1	1,026	1,450	1,958	.....	.....	518
1	Benrud East	1	682	7,835	8,068	.....	.....	449
1	Benrud Northeast	1	717	13,753	13,771	.....	.....	699
1	Berthelote	1	755	143	401	.....	.....	497
6	Big Wall	23	874	25,959	24,636	.....	.....	2,197
5	Blackfoot	8	2,183	3,364	1,120	2,174	.....	2,253
....	Blackfoot East	....	40	.....	.....	.....	.....	40
4	Border	6	.....	1,416	.....	1,416	.....	.....
1	Bowes	49	9,413	14,344	15,722	.....	.....	8,035
2	Bradley	2	1,202	860	969	.....	.....	1,093
1	Brady	1	616	179	179	.....	.....	616
....	Bynum	....	219	.....	.....	.....	.....	219
2	Cabin Creek	102	6,993	269,411	269,325	.....	.....	7,079
17	Cat Creek	81	2,997	13,774	9,240	3,895	63	3,573
1	Clark's Fork	1	29	154	.....	.....	.....	183
1	Conrad South	2	662	1,310	1,310	.....	.....	662
1	Cupton	1	1,479	1,522	.....	1,553	.....	1,448
186	Cut Bank	989	100,271	277,770	277,341	4,454	6	96,240
2	Deer Creek	3	1,379	2,448	2,650	.....	.....	1,177
1	Delphia	1	432	654	.....	637	.....	449
....	Devil's Basin	....	759	.....	.....	.....	.....	759
....	Dry Creek	....	69	.....	.....	.....	.....	69
14	Dwyer	15	4,706	26,359	26,177	.....	.....	4,888
4	Elk Basin	57	1,682	252,279	251,646	.....	.....	2,315
5	Elk Basin Northwest	13	1,775	13,686	13,310	.....	.....	2,151
3	Fairview	3	1,094	17,080	.....	17,186	.....	988
3	Fertile Prairie	3	1,021	2,155	.....	2,134	.....	1,042
23	Flat Coulee	30	5,448	17,563	17,559	.....	.....	5,452
38	Flat Lake	55	8,143	96,884	99,151	.....	.....	5,876
1	Flat Lake South	1	315	1,690	1,205	.....	.....	800
2	Frannie	2	.....	1,072	1,072	.....	.....	.....
20	Fred & George Creek	34	3,389	100,087	100,793	.....	.....	2,683
1	Gage	1	788	600	.....	600	.....	788
....	Gage Southwest	....	4	.....	.....	.....	.....	4
4	Gas City	23	7,238	38,294	38,882	.....	.....	6,650
8	Glendive	11	3,936	35,813	24,284	12,704	.....	2,761
20	Goose Lake	25	5,147	58,624	61,307	.....	.....	2,464
9	Graben Coulee	26	5,722	11,472	10,511	1,363	.....	5,320
....	Grandview	....	528	.....	.....	.....	.....	528
3	Gypsy Basin	6	2,141	1,197	1,043	.....	.....	2,295
1	Hibbard	1	508	304	.....	310	.....	502
6	Ivanhoe	11	2,028	9,862	9,113	.....	62	2,715
9	Keg Coulee	27	3,711	19,768	17,156	.....	.....	6,323
3	Keg Coulee North	3	1,423	1,580	1,337	.....	.....	1,666
1	Kelley	2	534	12,482	12,173	.....	.....	843
103	Kevin Sunburst	590	17,823	33,016	30,152	1,592	.....	19,095
1	Little Beaver	29	81	34,657	34,738	.....	.....	.....
2	Little Beaver East	13	2,645	18,889	19,655	.....	.....	1,879
3	Lodge Grass	3	1,999	2,771	.....	2,816	.....	1,954
24	Lookout Butte	78	4,050	143,308	143,158	.....	.....	4,200
....	Mackay Dome	....	770	.....	.....	.....	.....	770
2	Mason Lake	2	486	1,396	1,385	.....	.....	497
2	Melstone	4	562	1,918	1,765	.....	.....	715
1	Mineral Bench	1	665	1,074	1,093	.....	.....	646
2	Miner's Coulee	5	541	2,110	.....	2,218	.....	433
8	Monarch	13	4,237	31,621	32,147	.....	.....	3,711
4	Mosser	4	.....	808	.....	808	.....	.....
6	Outlook	11	7,714	33,101	33,361	.....	.....	7,454
2	Outlook South	2	1,256	2,656	3,120	.....	.....	792
2	Outlook West	2	1,360	3,782	2,428	1,476	41	1,197
71	Pennel	119	6,192	170,869	171,940	.....	.....	5,121
4	Pine	133	17,642	332,567	332,365	.....	.....	17,844
3	Pole Creek	4	1,239	681	.....	948	.....	972
65	Pondera	276	9,963	26,914	28,740	.....	.....	8,137
....	Pondera Coulee	....	.....	.....	.....	.....	.....	.....
4	Poplar East	71	8,868	62,907	62,115	.....	76	9,584
4	Poplar Northwest	5	2,455	1,896	2,478	.....	.....	1,873
2	Prairie Elk	2	799	351	.....	.....	233	917
4	Ragged Point	13	2,082	11,248	10,308	.....	.....	3,022
4	Ranch Creek	4	1,740	2,717	.....	2,844	5	1,608
1	Rattlesnake Coulee	1	560	764	695	.....	.....	629
4	Reagan	42	1,056	18,401	18,297	.....	.....	1,160
1	Red Creek	27	.....	27,117	26,770	347	.....	.....
1	Red Fox	1	475	13,283	13,474	.....	.....	284
1	Redstone	1	960	4,546	4,657	.....	.....	849
1	Repeat	1	549	909	.....	1,033	.....	425
1	Reserve	1	1,622	4,291	.....	3,317	.....	2,596
1	Richey	1	820	368	820	.....	.....	368
6	Richey Southwest	8	1,035	8,969	9,035	.....	.....	969
8	Sand Creek	10	2,418	13,950	13,705	.....	.....	2,663
1	Shotgun Creek	1	643	770	.....	995	.....	418
3	Sidney-Brorson	3	1,825	2,002	.....	2,356	.....	1,471
1	Smoke Creek	1	1,206	2,899	.....	3,294	.....	811
2	Snyder	4	1,483	999	.....	1,531	.....	951
6	Soap Creek	17	2,987	9,341	.....	9,482	.....	2,846
1	Spring Lake	1	3,184	1,242	.....	3,141	.....	1,285
2	Stensvad	24	4,234	35,377	36,025	.....	.....	3,586
32	Sumatra	85	12,700	59,327	60,477	.....	95	11,455
5	Tule Creek	7	2,670	38,386	5,541	31,373	.....	4,142
2	Tule Creek East	2	278	23,407	.....	22,627	.....	1,058
2	Tule Creek South	2	2,688	7,567	.....	9,318	37	900
2	Vida	2	842	2,126	.....	2,170	.....	798
4	Volt	6	3,661	19,744	21,475	.....	.....	1,930
3	Weed Creek	4	654	22,018	20,767	.....	17	1,888
5	Weldon	15	2,590	136,071	137,275	.....	.....	1,386
16	Whitlash	39	10,010	19,061	21,054	.....	.....	8,017
1	Whitlash West	1	1,041	176	90	.....	2	1,125
2	Wills Creek South	2	1,074	7,350	7,733	.....	.....	691
7	Wolf Springs	10	6,237	11,834	12,183	.....	.....	5,888
5	Woodrow	6	623	4,417	4,449	.....	.....	591
1	Wildcat, Carbon County	1	1,068	426	.....	315	.....	1,179
1	Wildcat, Glacier County	1	123	301	.....	251	.....	173
1	Wildcat, Musselshell County	1	.....	692	.....	.....	.....	692
1	Wildcat, Richland County	1	1,532	2,251	.....	2,996	.....	787
1	Wildcat, Roosevelt County	1	300	244	.....	204	.....	340
876	Total	3,349	365,634	2,783,058	2,638,879	162,365	637	346,811

Total Oil Produced and Shipped From Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1966	35,380,118	96,931	35,353,673	96,859
First Quarter, 1967	8,269,076	91,878	8,253,252	91,702
April, 1967	2,693,356	89,778	2,671,801	81,060
May, 1967	2,783,058	89,776	2,801,244	90,362

Oil in Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December, 1966	337,516	1,034,375	584,580	1,956,501
March, 1967	345,817	1,086,767	636,377	2,068,961
April, 1967	365,634	1,189,697	795,954	2,351,285
May, 1967	346,811	1,152,224	790,114	2,289,149

*Includes Wyoming Oil

TRANSPORTERS MONTHLY REPORT—MONTH OF MAY, 1967

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			4,165				4,165		
BANNATYNE—Truck			120			120			
BEAR'S DEN—Truck			2,202					2,202	
BIG WALL—Continental Pipeline Co.		24,637				24,637			
BLACKFOOT—Camerland Cardinal Corp.			2,174			2,174			
		1,120				1,120			
		1,120	2,174			3,294			
BORDER—Truck			1,416				1,416		
BOWES—Texaco		15,722				15,722			
CABIN CREEK & OTHERS*									
Butte Pipeline Co.	342,231	847,837	19,594	877,372			1,767,640		319,394
Shell Pipeline Co.	8,466	348,844			(582)			353,825	4,067
	350,697	1,196,681	19,594	877,372	(582)		1,767,640	353,825	323,461
CAT CREEK—									
Continental Pipeline Co.		9,240				9,240			
Truck			3,895			3,895			
		9,240	3,895			13,135			
CUT BANK—									
Continental Pipeline Co.			9,974	470,352				480,326	
Phillips Petroleum Co.	101,645	69,008		62,246	1,422	125,984			105,493
Texas Pipeline Co.	20,491	87,659		25,291	135			117,007	16,299
Union Oil Co.	74,712	108,571			171	44,275			138,837
Western Oil Trans. Co.		44,106						44,106	
Western Oil Trans. (Moulton)		66,666						66,666	
	196,848	376,010	9,974	557,889	1,728	170,259		708,105	260,629
DELPHIA—Truck			637			637			
DWYER—Portal Pipeline Co.		26,095					26,095		
ELK BASIN & ELK BASIN NORTHWEST—Marathon Pipeline Co.		264,045				264,045			
FAIRVIEW—Rock Island Oil & Ref. Co.			17,186				17,186		
FLAT COULEE—									
Camerland Cardinal Corp.		15,947				14,990		957	
FLAT LAKE & FLAT LAKE SOUTH—									
Portal Pipeline Co.		91,037					91,037		
FRANNIE—Interstate Pipeline Co.		1,072					1,072		
FRED & GEORGE CREEK—									
Camerland Cardinal Corp.	6,832	102,995				44,847		46,746	18,234
GAGE & GAGE S.W.—Truck			600			600			
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—Texas Pipeline Co.	7,525	41,293			(219)			42,178	6,859
GOOSE LAKE—Portal Pipeline Co.		60,179					60,179		
HIBBARD—Truck			310			310			
IVANHOE—Continental Pipeline Co.		9,114				7,227	1,887		
KEG COULEE & KEG COULEE NORTH—Continental Pipeline Co.		18,903				9,812	9,091		
KELLEY—Continental Pipeline Co.		12,173				12,173			
KEVIN SUNBURST—									
Big West Oil Co.	3,097	22,342				21,757			3,682
Homestake Oil & Gas Co.	621	2,199				2,246			574
Texas Pipeline Co.	9,471	11,265			139			10,970	9,627
	13,189	35,806			139	24,003		10,970	13,883
LODGE GRASS—Truck		1,385				2,816			
MASON LAKE—Continental Pipeline Co.			2,816			1,385			
MELSTONE—Continental Pipeline Co.		1,765				1,765			
MOSSER—Truck			808				808		
OUTLOOK WEST—									
Rock Island Oil & Ref. Co.			1,476				1,476		
POLE CREEK—Truck			948				948		
PONDERA—Phillips Petr. Co.	51,854	31,088			513	22,383			60,046
POPLAR, BENRUD, BENRUD EAST, OUTLOOK, OUTLOOK SOUTH, OUTLOOK WEST, REDSTONE, RICHEY, TULE CREEK, TULE CREEK SOUTH & VOLT—									
East Poplar Gathering System	15,084	207,820			3,257			206,603†	13,044
RAGGED POINT—									
Continental Pipeline Co.		9,541				767	8,774		
RANCH CREEK—									
Rock Island Oil & Ref. Co.			2,844				2,844		
RED CREEK—									
Western Oil Transportation Co.		32,407						32,407	
RESERVE—Truck			3,317				3,317		
SHOTGUN CREEK—Truck			995				995		
SIDNEY-BRORSON—Truck			2,356					2,356	
SMOKE CREEK—									
Rock Island Oil & Ref. Co.			3,294				3,294		
SNYDER—Truck			1,531			1,531			
SOAP CREEK—Truck			9,482			9,482			
SPRING LAKE—									
Rock Island Oil & Ref. Co.			3,141				3,141		
SUMATRA & STENSVAD—									
Continental Pipeline Co.	543,539	93,857		287,253	1,154	79,283		392,181	452,031
TULE CREEK—Tesoro Petr. Corp.	4,129		63,318			63,410			4,037
WEED CREEK—									
Continental Pipeline Co.		20,767				20,767			
WHITLASH & WHITLASH WEST—									
Camerland Cardinal Corp.		22,383				21,376		1,007	
WOLF SPRINGS—									
Continental Pipeline Co.		12,101				12,101			
WILDCAT WELLS—Truck			3,766				3,766		
TOTALS	1,189,697	2,735,183	162,365	1,722,514	5,990	842,877	2,009,131	1,799,537	1,152,224

*Cahin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Richey Southwest, Weldon and Wills Creek South.

†Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA

MONTH OF MAY, 1967

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Tesoro Petr. Corp.	Union Oil Co.	Total
Big Wall	.....	.....	.....	24,637	.....	.....	.....	.....	.....	24,637
Bowes	.....	.....	21,230	.....	.....	.....	.....	.....	.....	21,230
Cat Creek	.....	4,677	.....	.....	.....	4,002	.....	.....	.....	8,679
Cut Bank	.....	869	.....	3,100	.....	.....	120,334	.....	21,588	145,891
Delphia	.....	.....	.....	.....	.....	351	.....	.....	.....	351
Devil's Basin	.....	.....	.....	.....	.....	7	.....	.....	.....	7
Elk Basin	.....	106,594	.....	38,378	90,952	.....	.....	.....	.....	235,924
Flat Coulee	.....	.....	.....	.....	.....	.....	.....	.....	14,990	14,990
Fred & George Creek	44,847	.....	.....	.....	.....	.....	.....	.....	.....	44,847
Gage & Gage S.W.	.....	.....	.....	.....	.....	727	.....	.....	.....	727
Hibbard	.....	.....	.....	.....	.....	218	.....	.....	.....	218
Ivanhoe	.....	.....	.....	.....	7,227	.....	.....	.....	.....	7,227
Keg Coulee	.....	1,337	.....	8,475	.....	.....	.....	.....	.....	9,812
Kelley	.....	.....	.....	.....	12,173	.....	.....	.....	.....	12,173
Kevin Sunburst	12,075	.....	.....	.....	.....	.....	.....	.....	.....	12,075
Lodge Grass	.....	2,816	.....	.....	.....	.....	.....	.....	.....	2,816
Mason Lake	.....	1,385	.....	.....	.....	.....	.....	.....	.....	1,385
Melstone	.....	.....	.....	1,764	.....	.....	.....	.....	.....	1,764
Pondera	.....	.....	.....	.....	.....	.....	28,740	.....	.....	28,740
Ragged Point	.....	767	.....	.....	.....	.....	.....	.....	.....	767
Red Creek	.....	.....	.....	.....	25,523	.....	.....	.....	.....	25,523
Richey Southwest	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sand Creek	.....	.....	.....	.....	.....	346	.....	.....	.....	346
Snyder	.....	1,531	.....	.....	.....	.....	.....	.....	.....	1,531
Sumatra & Stensvad	.....	16,567	.....	.....	62,716	.....	.....	.....	.....	79,283
Tule Creek	.....	.....	.....	.....	.....	.....	.....	63,410	.....	63,410
Weed Creek	.....	.....	.....	.....	20,767	.....	.....	.....	.....	20,767
Whitlash	21,376	.....	.....	.....	.....	.....	.....	.....	.....	21,376
Wolf Springs	.....	.....	.....	.....	12,101	.....	.....	.....	.....	12,101
Total Montana Oil	78,298	136,543	21,230	76,354	231,459	5,651	149,074	63,410	36,578	798,597
Canadian Oil Imported	.....	470,352	.....	.....	.....	.....	.....	.....	.....	470,352
Wyoming Oil Imported	.....	412,415	.....	498,907	964,869	.....	.....	.....	.....	1,876,191
Total Montana, Canadian & Wyoming Oil	78,298	1,019,310	21,230	575,261	1,196,328	5,651	149,074	63,410	36,578	3,145,140

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1966	29,111	12,832	49,643	91,586
May, 1966	24,514	13,933	46,527	84,974
May, 1967	25,761	15,173	60,522	101,456

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year, 1966	31.78%	14.02%	54.20%
May, 1966	28.84%	16.41%	54.75%
May, 1967	25.39%	14.96%	59.65%